

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 77-61

NPDES NO. CA0037672

AN ORDER AMENDING ORDER NO. 74-162 TO ADOPT
AMENDED WASTE DISCHARGE REQUIREMENTS FOR:

CITY AND COUNTY OF SAN FRANCISCO
NORTH POINT PLANT

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

1. The Regional Board on December 6, 1974 adopted Order No. 74-162 prescribing waste discharge requirements and compliance time schedules for the City and County of San Francisco, North Point Plant.
2. The Environmental Protection Agency has modified the definition of secondary treatment to exclude limitations of fecal coliform bacteria.
3. City and County of San Francisco has completed construction of an extended outfall to achieve 10:1 dilution of effluent with waters of San Francisco Bay.
4. The Board, in April 1975, adopted a Water Quality Control Plan for the San Francisco Bay Basin. The Plan includes receiving water limitations for un-ionized ammonia and deep water effluent toxicity and pH limitations.
5. Section 301(b) of the Federal Water Pollution Control Act Amendments of 1972 requires all publicly-owned treatment works to achieve effluent limitations based upon secondary treatment no later than July 1, 1977. Secondary treatment has been defined by the EPA Administrator in 40CFR 133, dated July 26, 1976.
6. This project involves the continued operation of a publicly-owned facility to provide sewerage service with negligible or no expansion of use beyond that previously existing. Consequently, this project will not have a significant effect on the environment based upon the exemption provided in Section 15101, Title 14, California Administrative Code.
7. The Board has notified the discharger and interested agencies and persons of its intent to prescribe revised requirements for the City and County of San Francisco.
8. The Board, in a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED THAT:

A. Order No. 74-162 is amended to read as follows:

Effluent Limitation A.2.

The discharge shall not have a pH of less than 6.0 nor greater than 9.0.

Effluent Limitation A.3.

In any representative set of samples, the waste as discharged shall meet the following limit of quality:

The survival of test fishes in 96-hour bioassays of the effluent shall be a 90 percentile value of not less than 50 percent survival. Exceptions to this limitation may be granted and revised toxicity requirements established by the Regional Board, pursuant to public hearing, if the discharger can demonstrate to the satisfaction of the Board that the following conditions are met:

1. The waste is discharged through a deepwater outfall which achieves rapid and high initial dilution and that the waste is rapidly rendered non-acutely toxic upon discharge, and
2. The toxicants in the waste are nonconservative constituents which are rapidly decayed in the receiving water; or the toxicants in the waste are conservative constituents for which water quality objectives have been established. The Regional Board will, in such cases, establish effluent mass emission rates for such constituents.

Effluent Limitation A.4.

Prior to achievement of secondary treatment as required by the Federal Water Pollution Control Act the following interim limitation shall apply:

Any grab sample:

Settleable Matter

The arithmetic average of any
six or more samples collected
on any day

0.5 ml/l-hr maximum

80% of all individual samples
collected during maximum daily
flow over any 30-day period

0.4 ml/l-hr maximum

Any sample

1.0 ml/l-hr maximum

Effluent Limitation A.7.

Total coliform bacteria for a median of five (5) consecutive samples shall not exceed 240 MPN/100 ml. Any single sample shall not exceed 10,000 MPN/100 ml when verified by a repeat sample taken within forty-eight (48) hours.

Provision D.3.

"The discharger shall review and update annually its contingency plan as required by Board Resolution No. 74-10. The discharge of pollutants in violation of this Order where the discharger has failed to develop and/or implement a contingency plan will be basis for considering such discharge a willfull and negligent violation of this Order pursuant to Section 13387 of the California Water Code."

Provision D.9.

This Order expires on July 1, 1982 and the discharger must file a Report of Waste Discharge in accordance with Title 23, California Administrative Code, not later than 180 days in advance of such date as application for issuance of new waste discharge requirements.

- B. Order No. 74-162 is amended to add the following:

Receiving Water Limitation B.2.d.

Un-ionized Ammonia as N	0.025 mg/l Annual Median
	0.4 mg/l Maximum

Compliance with this limitation shall be achieved upon completion of construction of secondary treatment facilities.

Provision D.2.a. (15)

<u>Task</u>	<u>Completion Date</u>
Full Compliance	July 1, 1977

Provision D. 11.

"The discharger shall fully comply with the terms and conditions of this Board's Cease and Desist Order No. 77-10."

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on June 21, 1977.

FRED H. DIERKER
Executive Officer